



FEMA



Prepared by
Todd Beal

FEMA Region 6 Weather Threat Briefing

Monday August 3, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Marginal risk of severe storms with heavy rain/isolated flash flooding today across NM.**
- **Isaias will move up the Atlantic coast today. No impacts to FEMA Region 6.**

FEMA Region 6 Threat Matrix

Aug 3, 2020 - Aug 7, 2020



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DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms	NM				
Heavy Rain / Flash Flooding	NM				
Fire Weather					
Tropical Winds / Surge					
Heat					
River Flooding			LA	LA	LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf

See next slide for more information



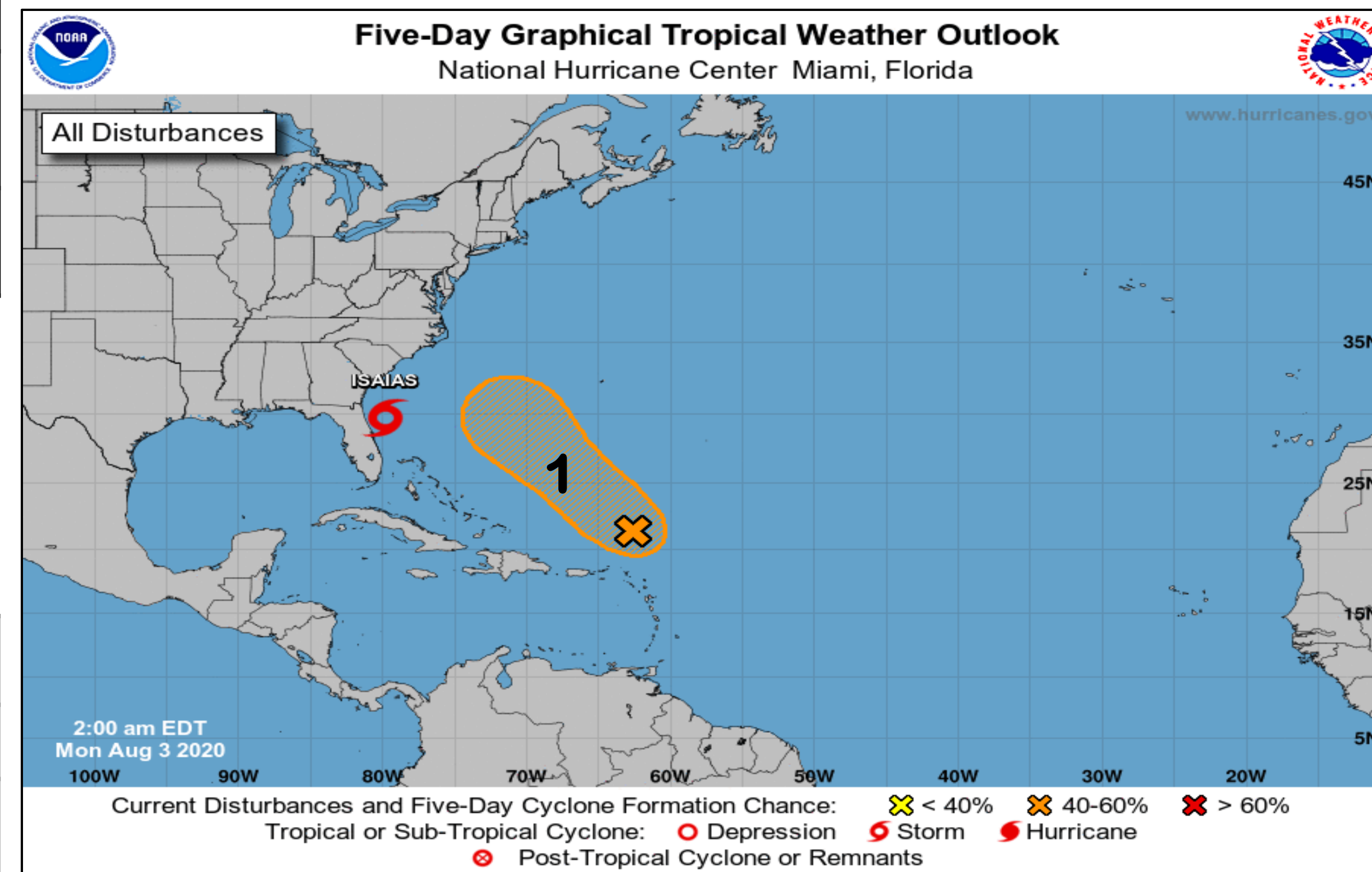
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Medium	None.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Isaias	None.



Tropical Storm Isaias



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Key Messages for Tropical Storm Isaias

Advisory 25: 5:00 AM EDT Mon Aug 03, 2020

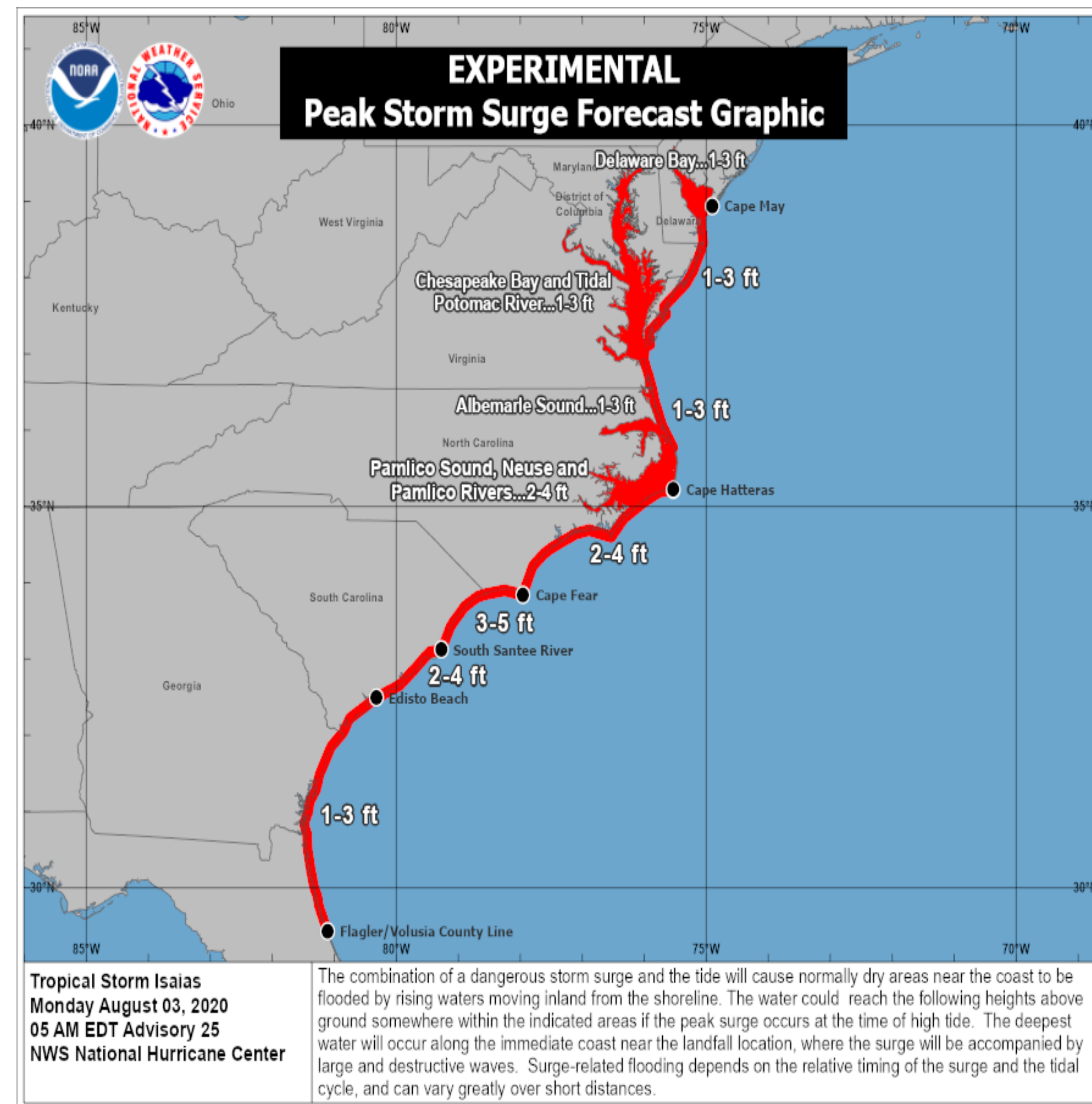
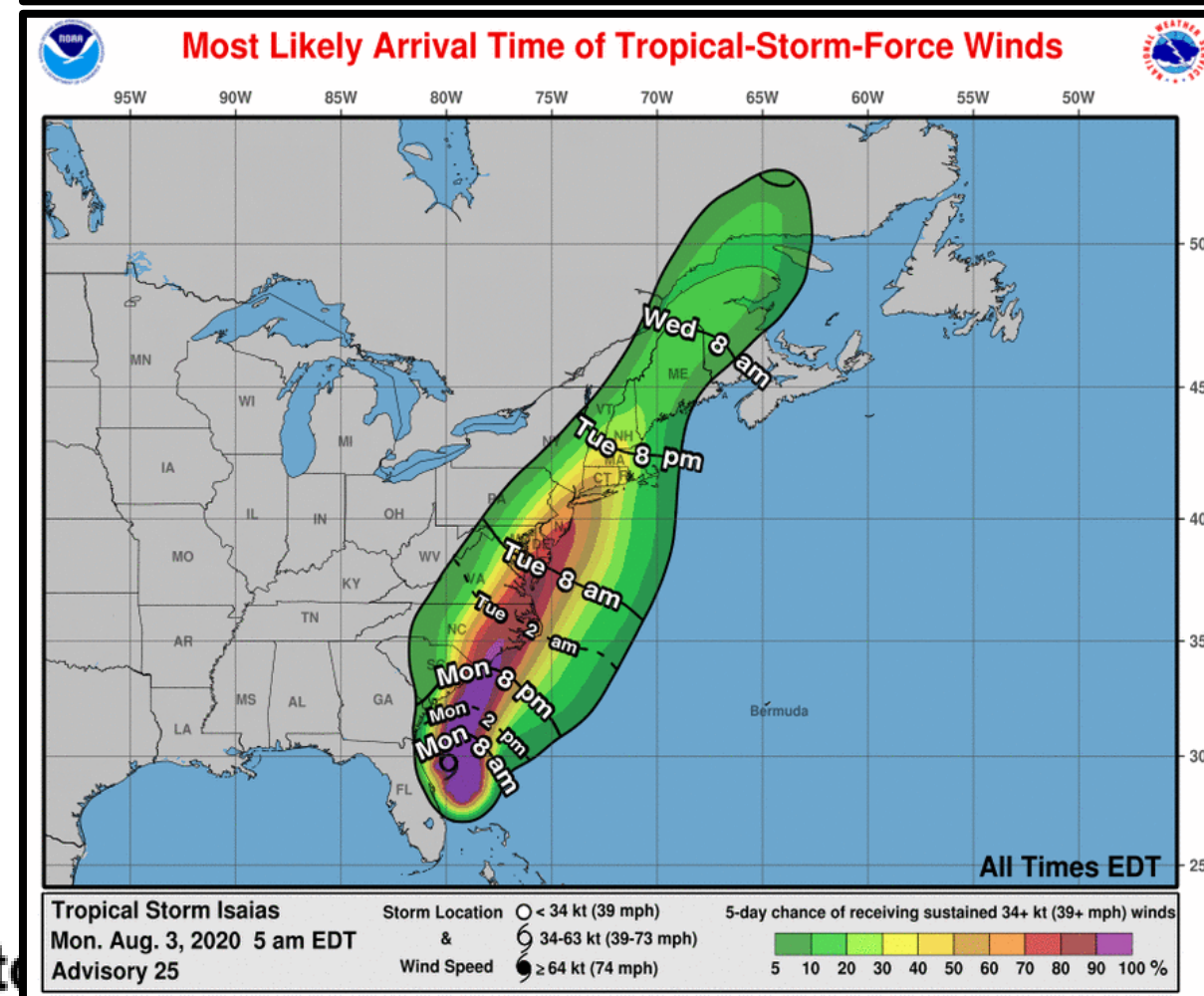
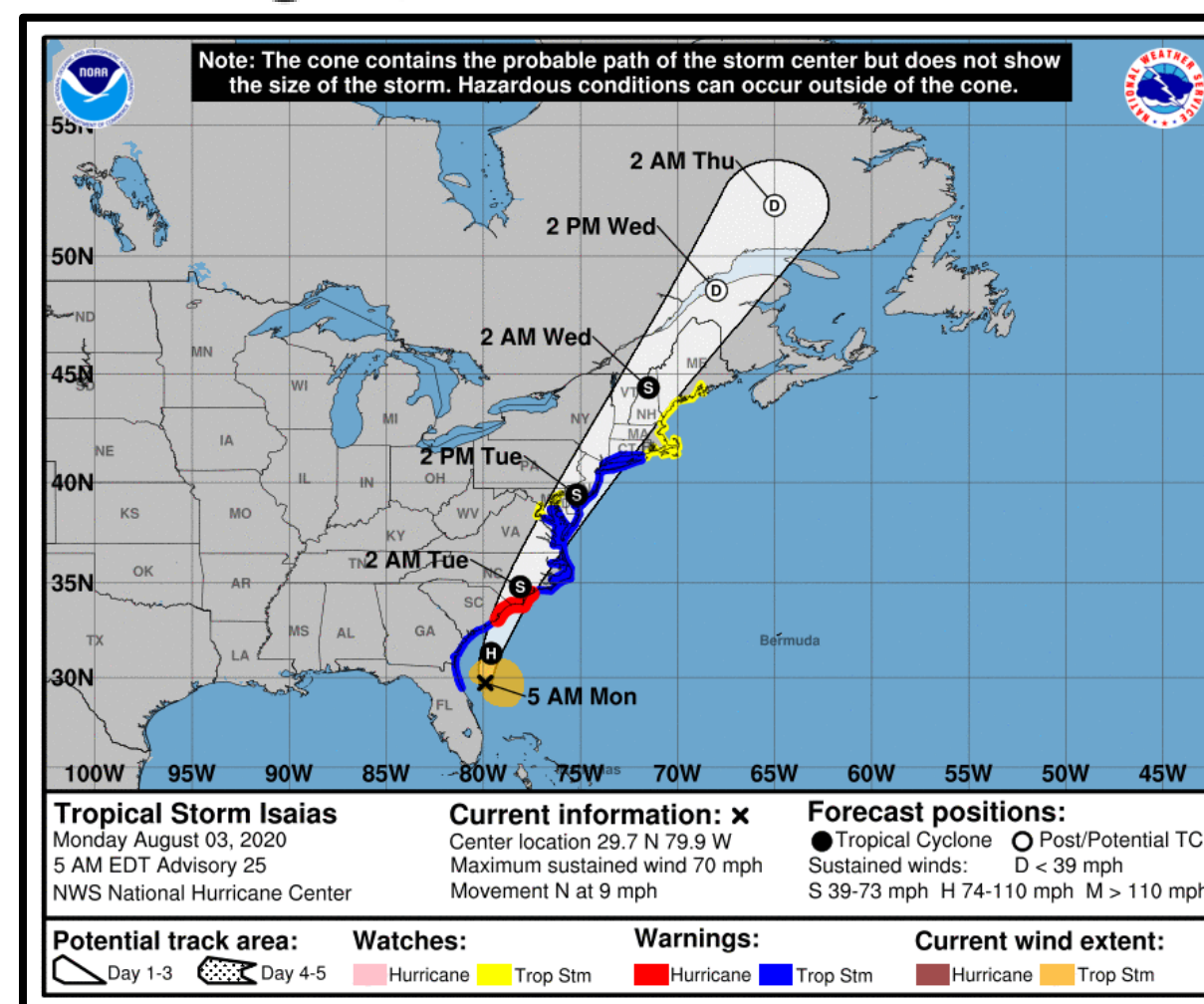
1. There is the danger of life-threatening storm surge inundation along portions of the immediate coastline and adjacent waterways of northeastern South Carolina and southern North Carolina. Life-threatening storm surge is possible along the North Carolina coast from Cape Fear to Duck. Residents in these areas should follow advice given by local emergency officials.

2. Isaias is forecast to regain hurricane strength before it reaches the coast of northeastern South Carolina and southern North Carolina, and hurricane conditions are expected in the Hurricane Warning by this evening. Preparations should be rushed to completion.

3. Tropical storm conditions are expected to spread northward within the Tropical Storm Warning area from Florida to portions of southern New England through Tuesday afternoon. Tropical storm conditions are possible across other portions of New England within the Tropical Storm Watch area by early Wednesday. Additional watches or warnings may be required later today.

4. Heavy rainfall will result in flash and urban flooding, some of which may be significant in the eastern Carolinas and the mid-Atlantic, through midweek along and near the path of Isaias across the East Coast of the United States. Widespread minor to moderate river flooding is possible across portions of the Carolinas and the mid-Atlantic.

For more information go to



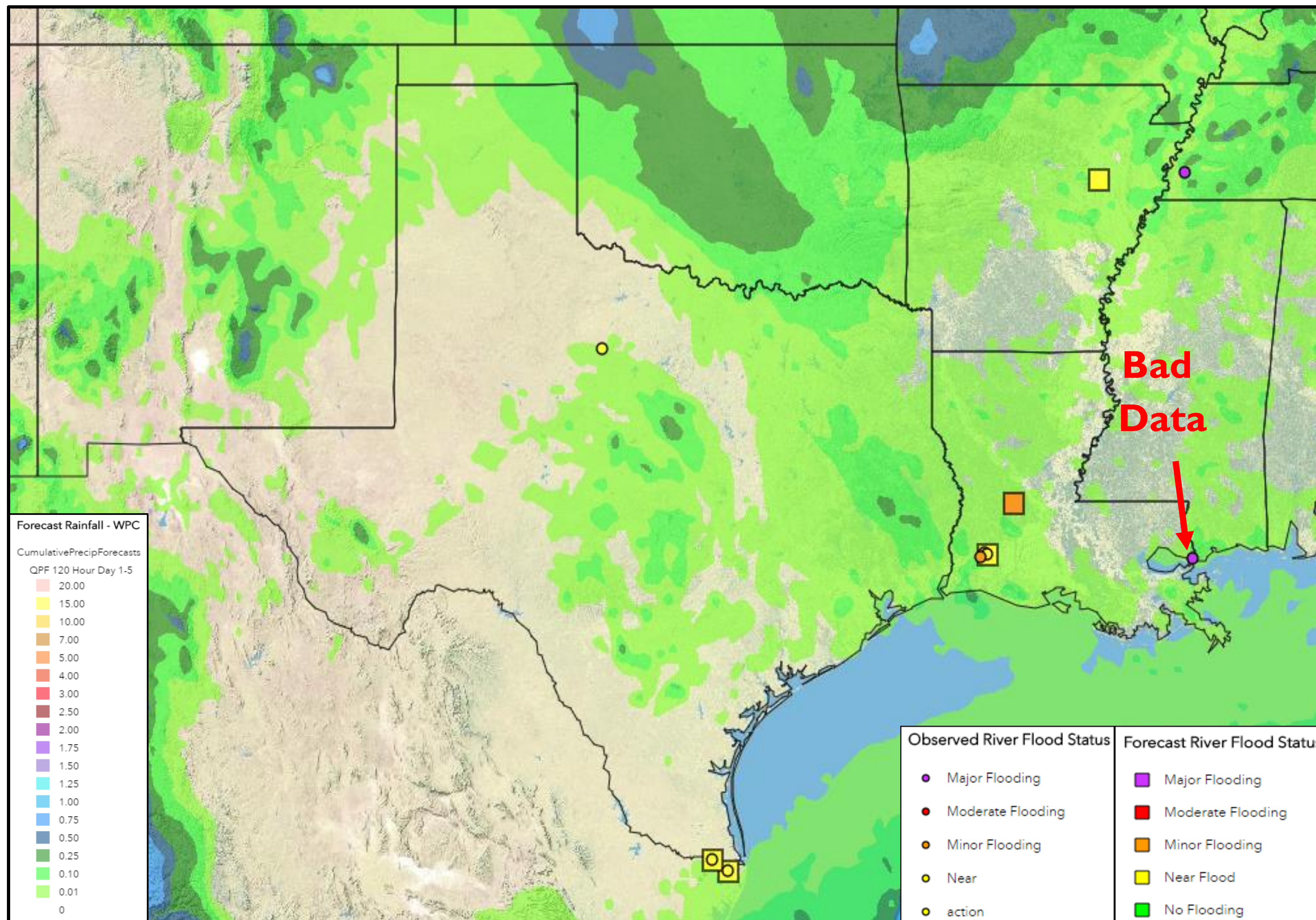
5-Day Precipitation Forecast & River Flood Status



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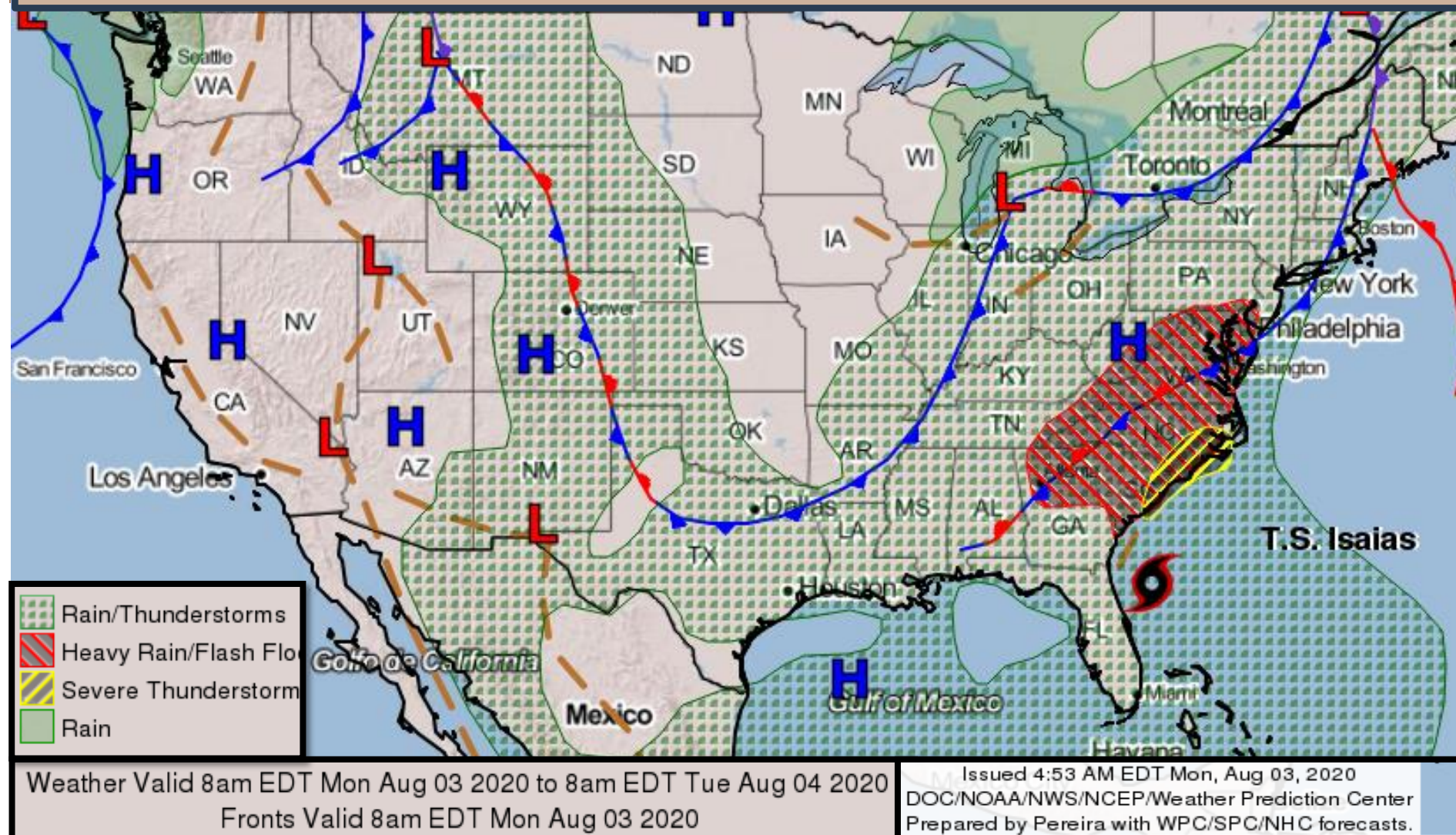
Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

The Calcasieu River near Glenmora is forecast to be in minor flood Wednesday into Friday with flooding of forested areas near the river.

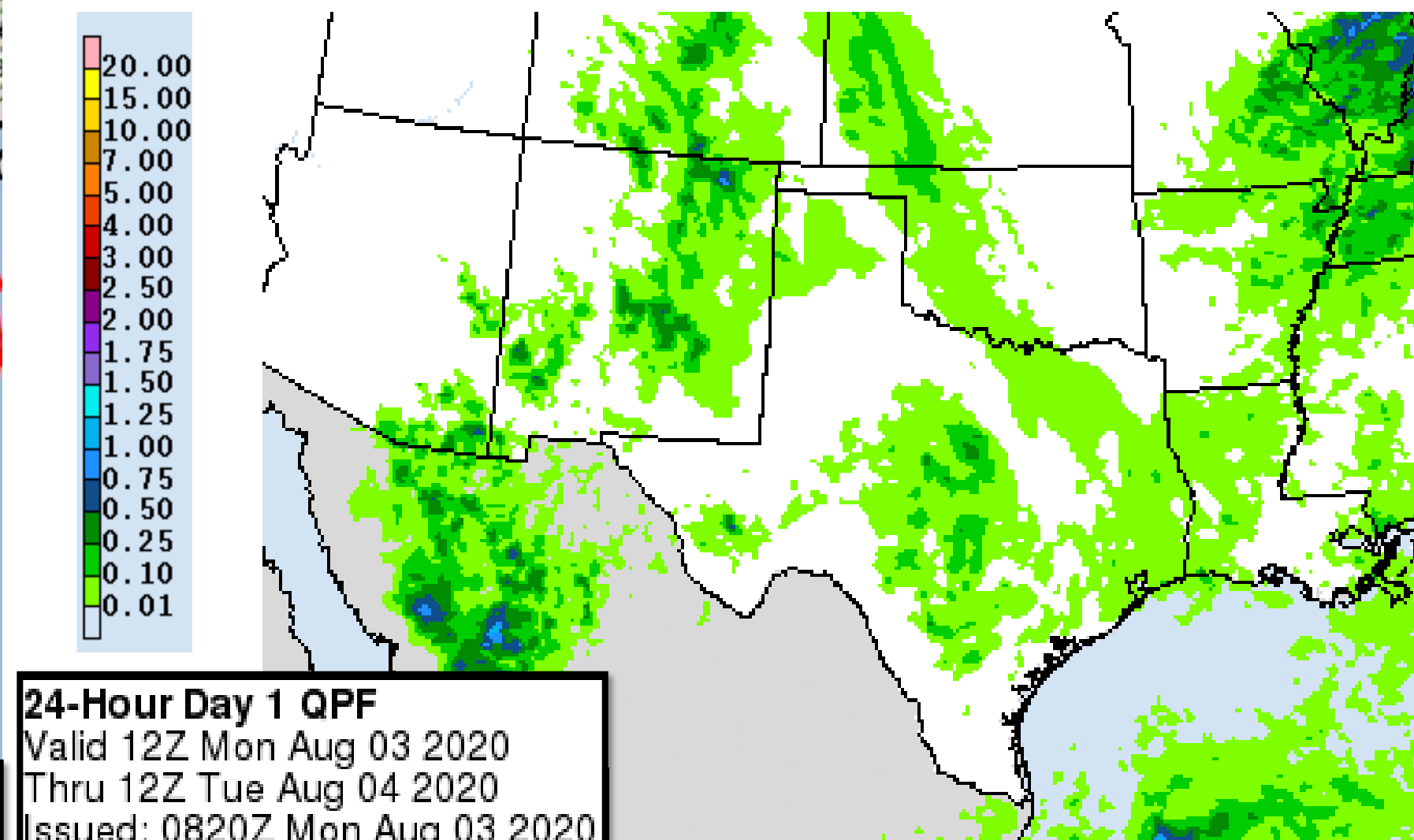


Today's Weather

Forecast Chart

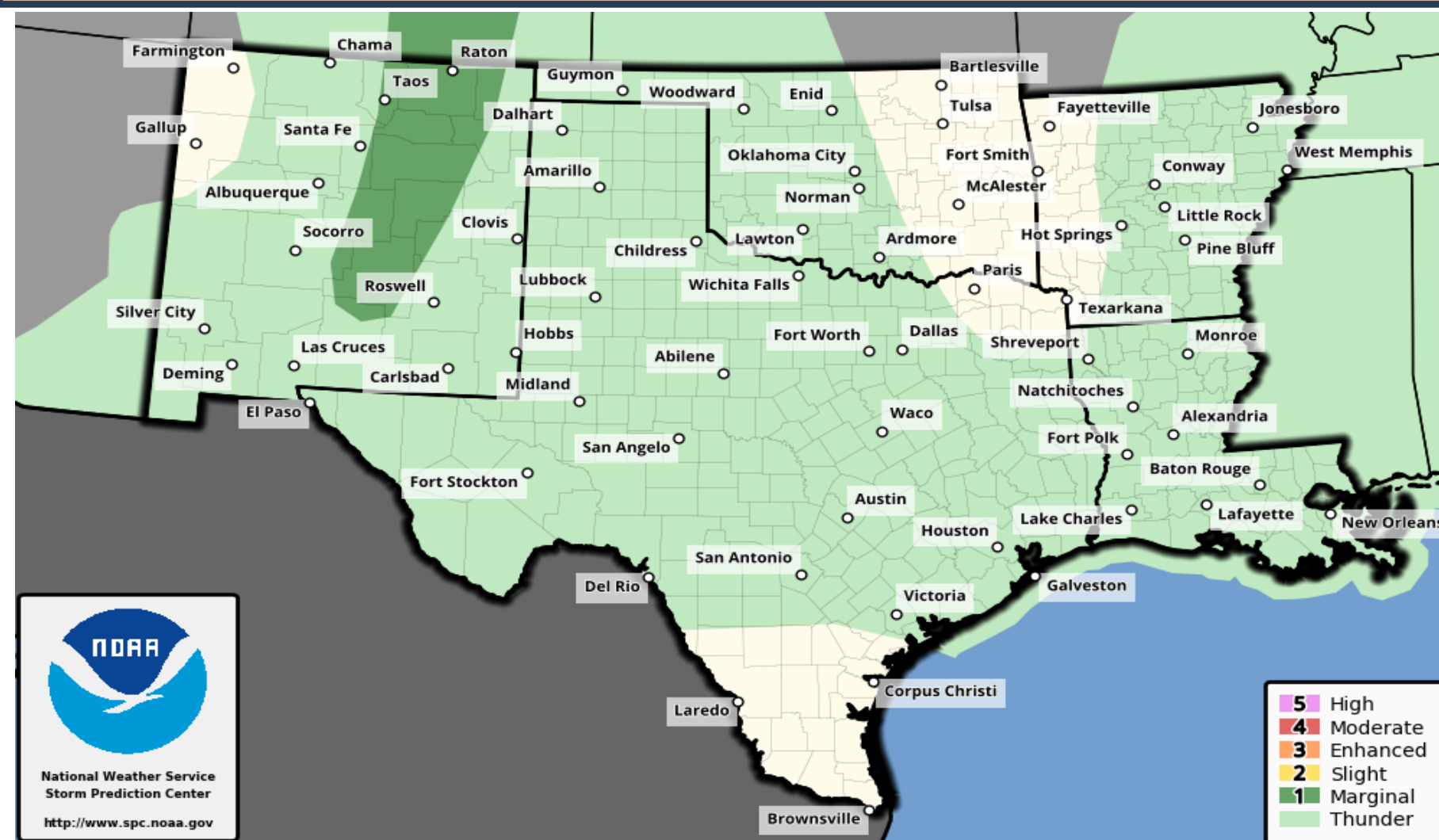


Forecast Rainfall

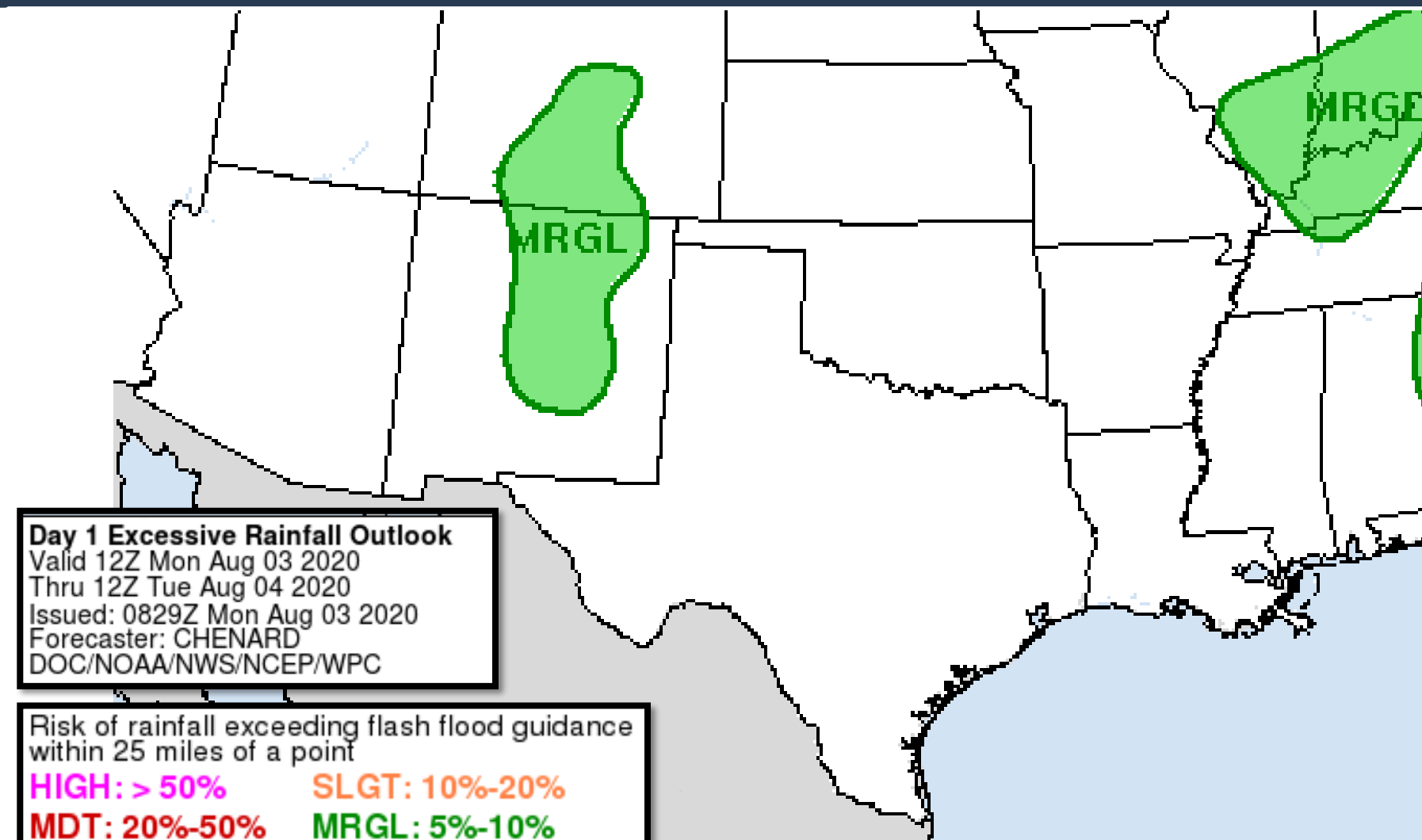


Marginal risk of severe storms with isolated heavy rain/flash flooding across NM.

Severe Weather Outlook



Excessive Rainfall Outlook

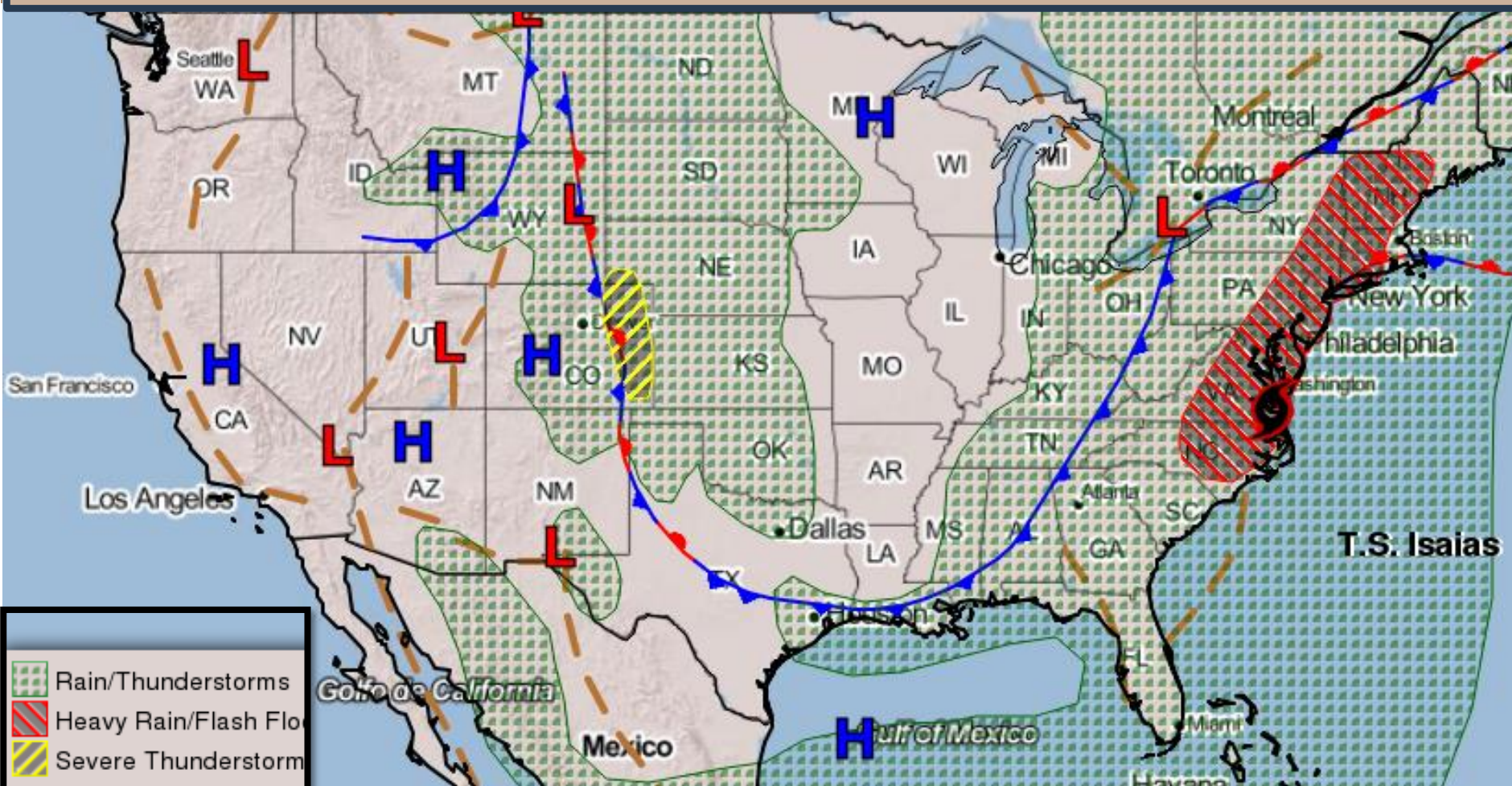


Tomorrow's Weather



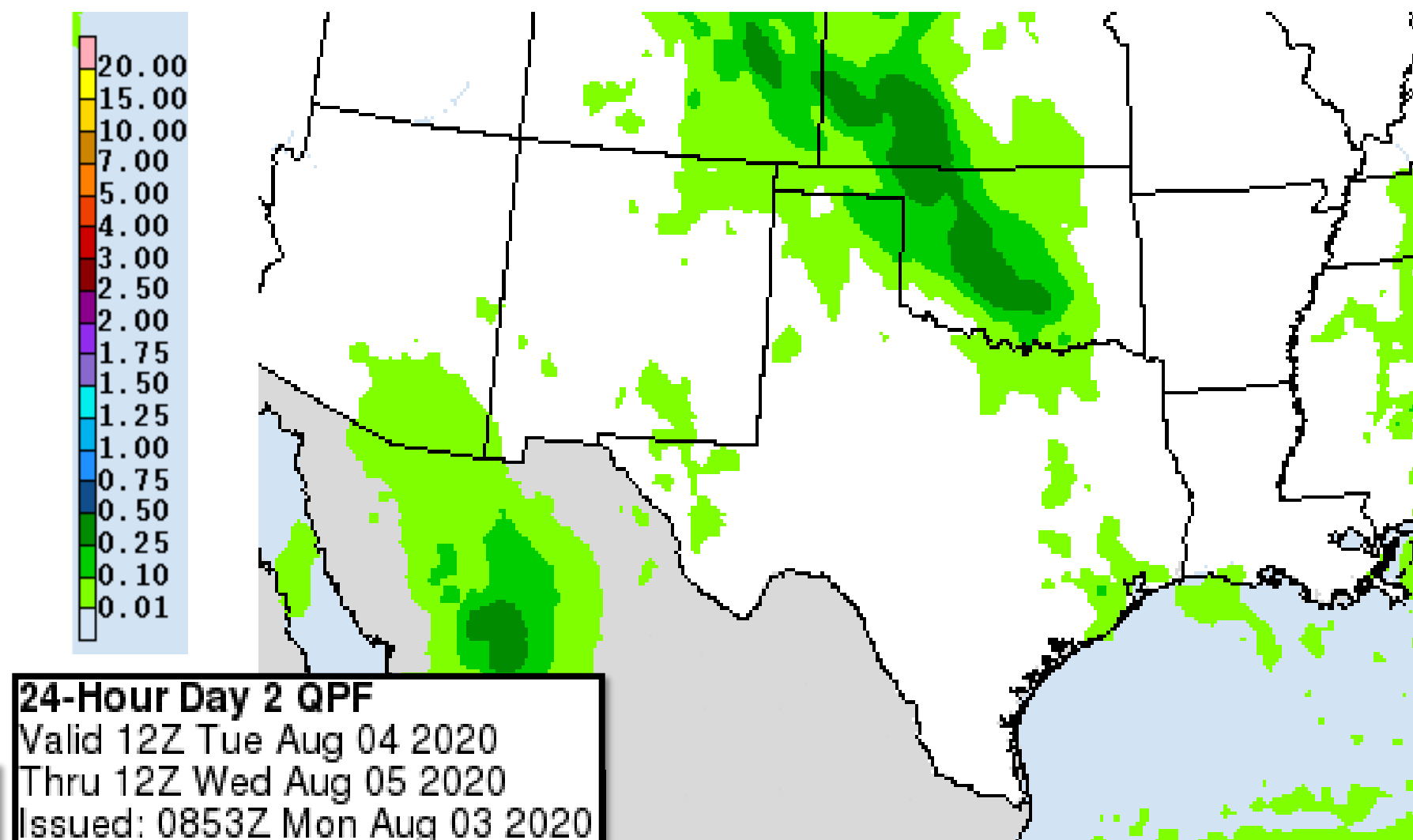
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Forecast Chart



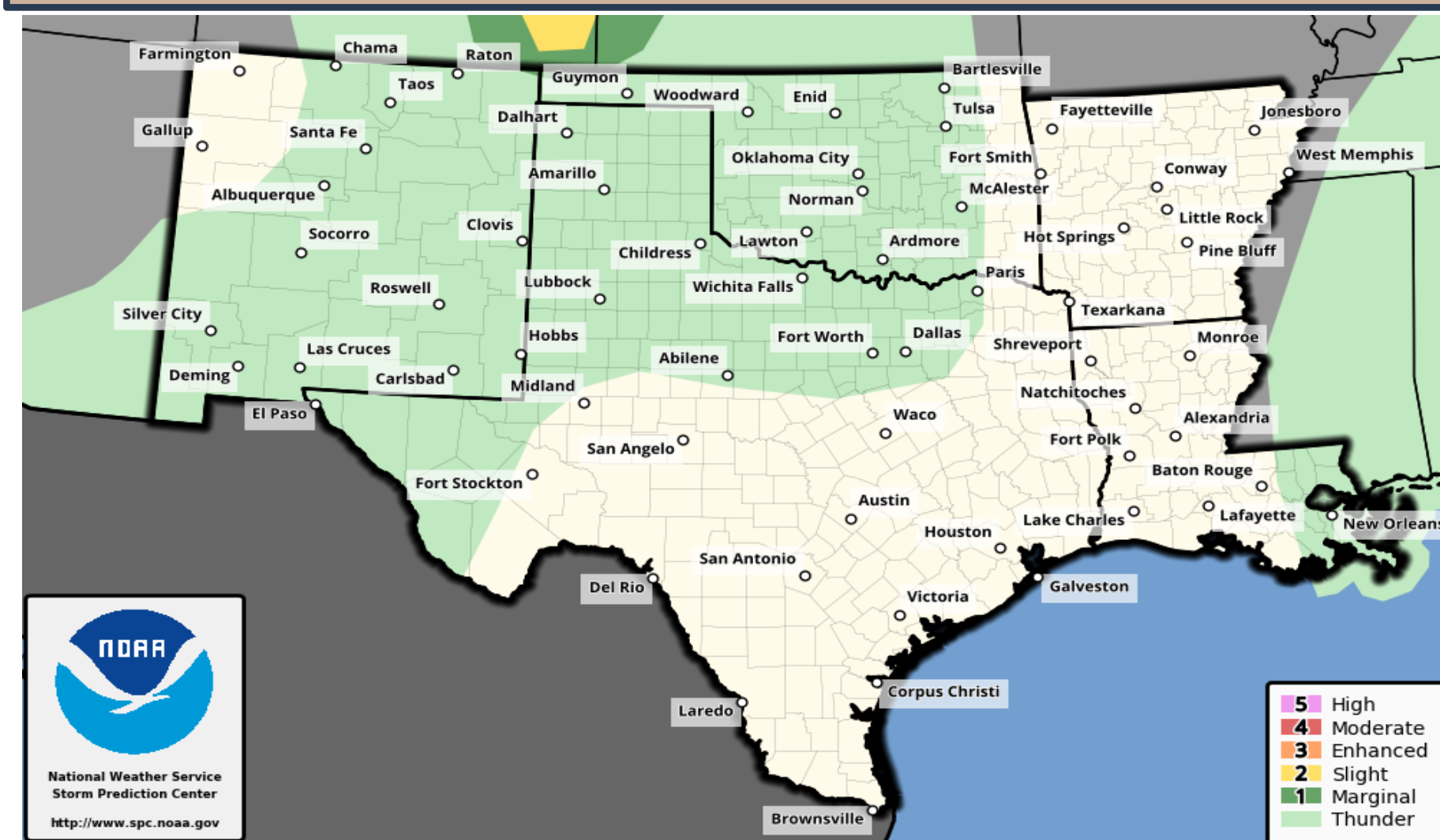
Weather Valid 8am EDT Tue Aug 04 2020 to 8am EDT Wed Aug 05 2020
Fronts Valid 8am EDT Tue Aug 04 2020
Issued 4:55 AM EDT Mon, Aug 03, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Pereira with WPC/SPC/NHC forecasts.

Forecast Rainfall

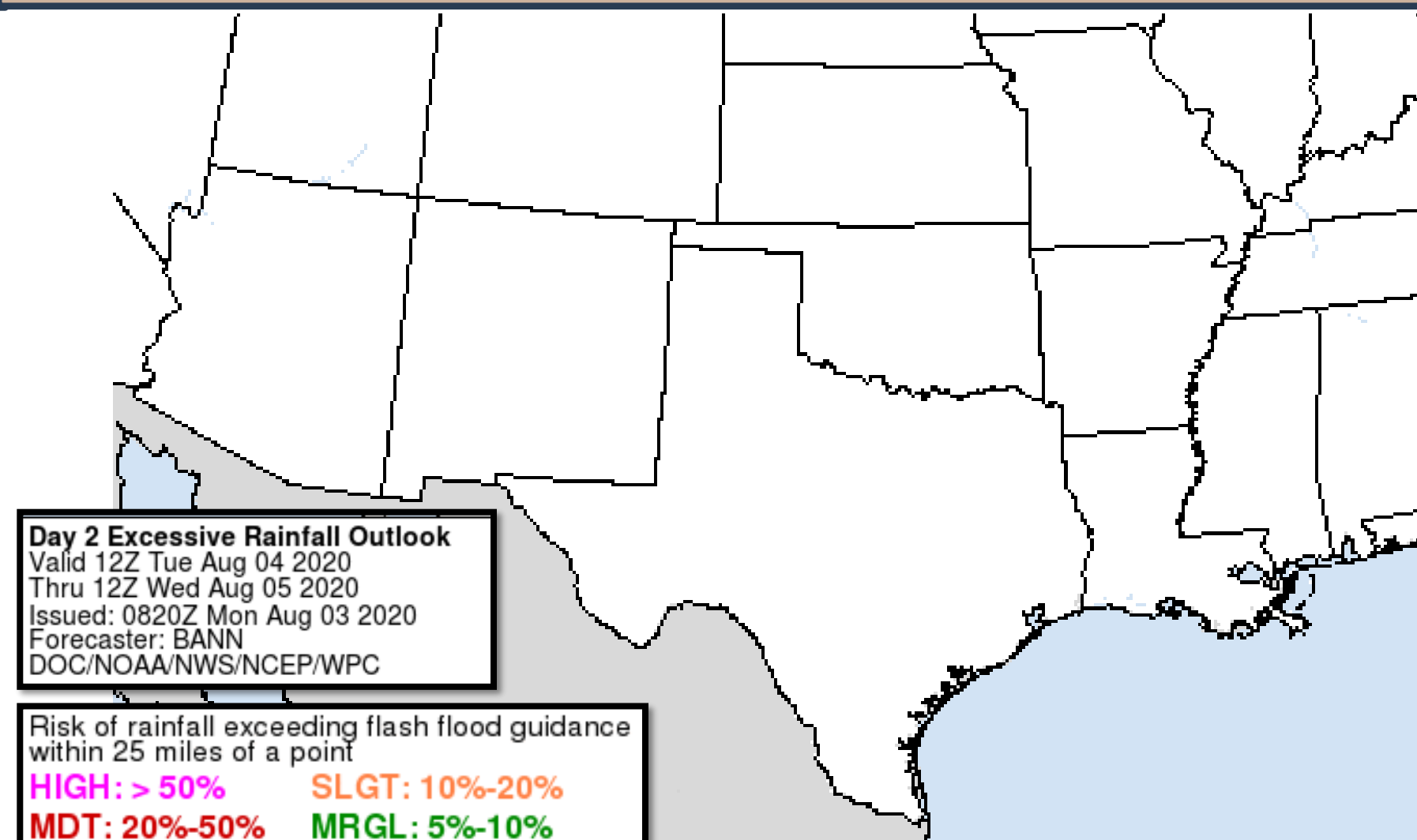


No significant weather impacts expected.

Severe Weather Outlook



Excessive Rainfall Outlook

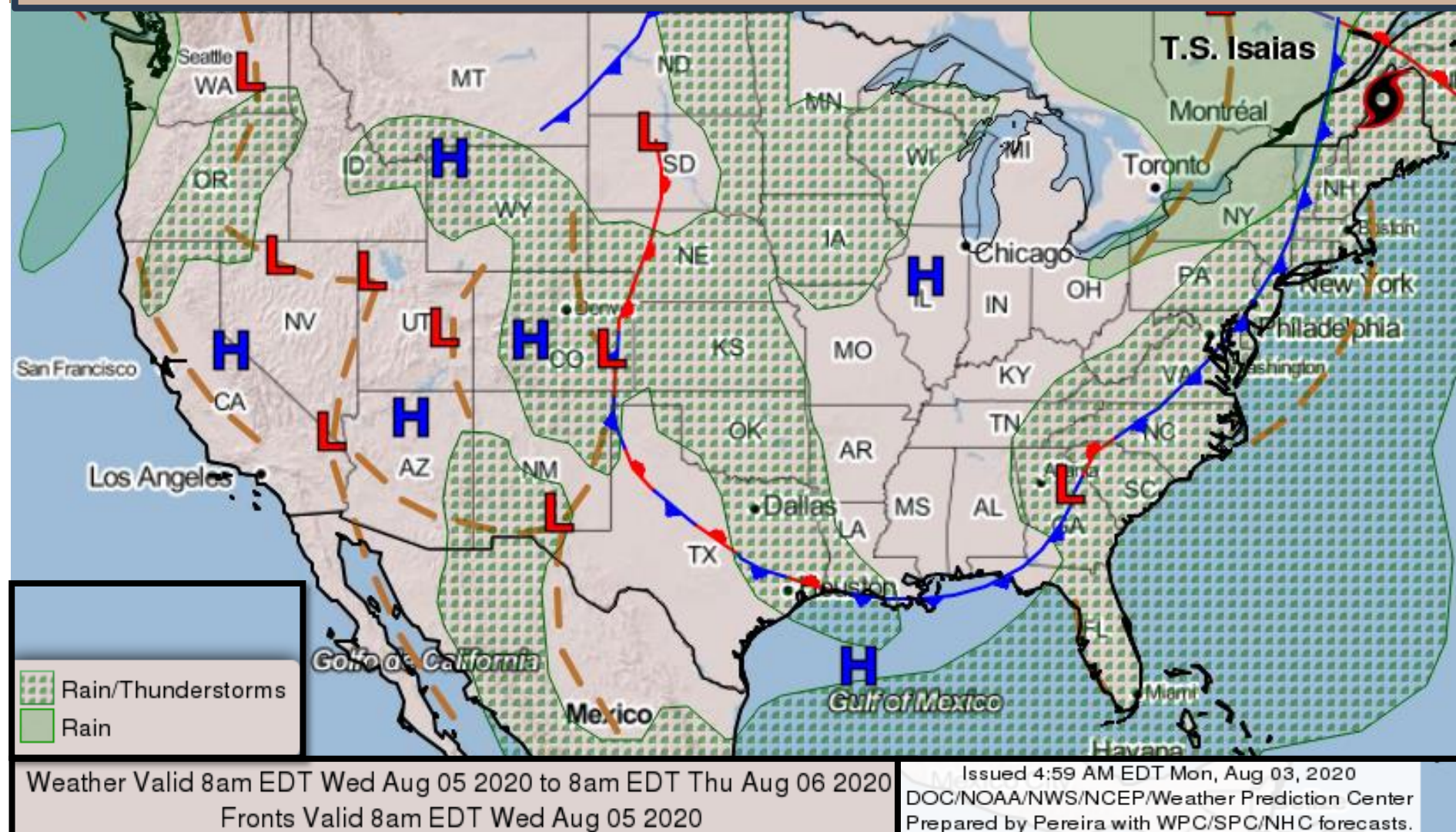


Wednesday's Weather

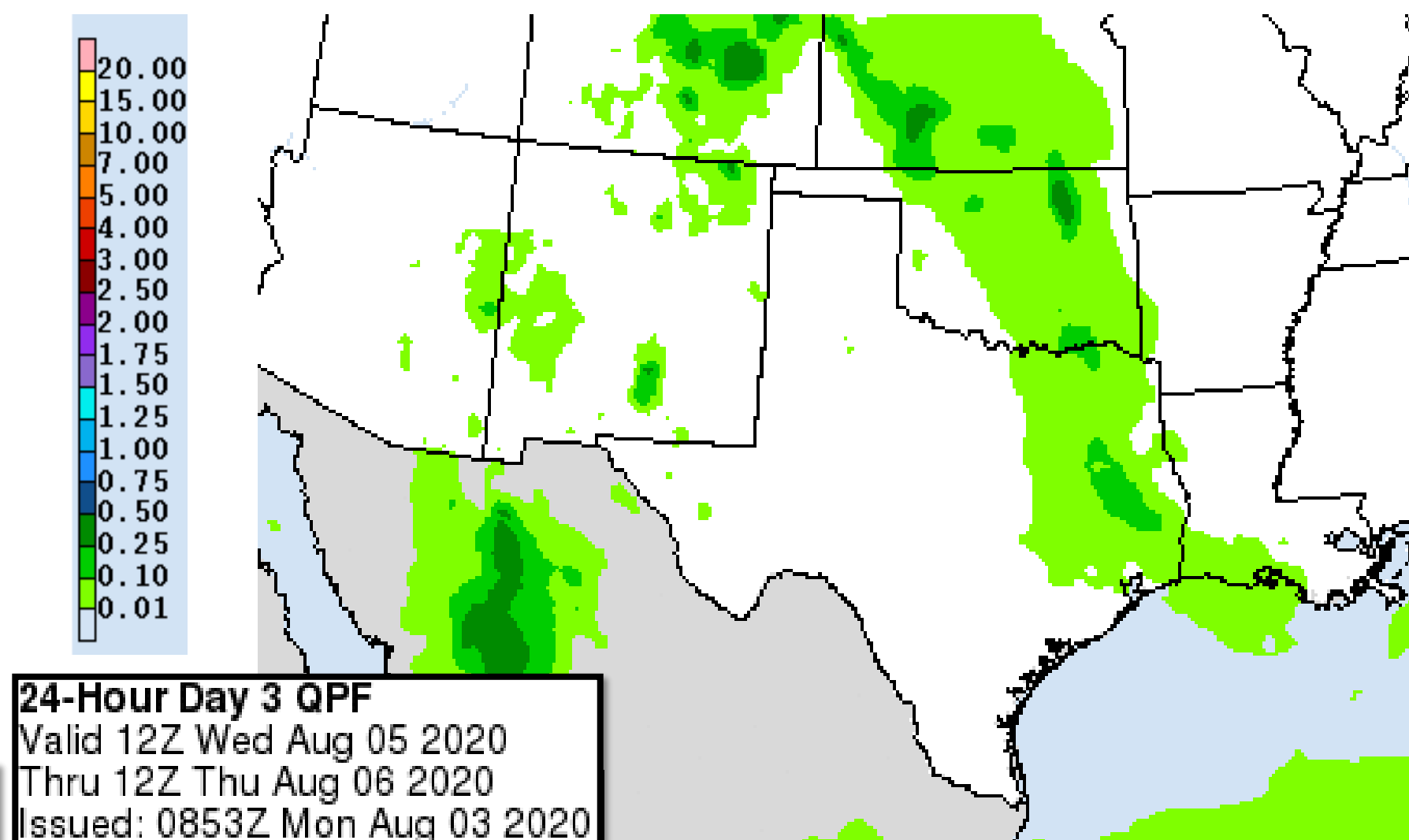


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Forecast Chart

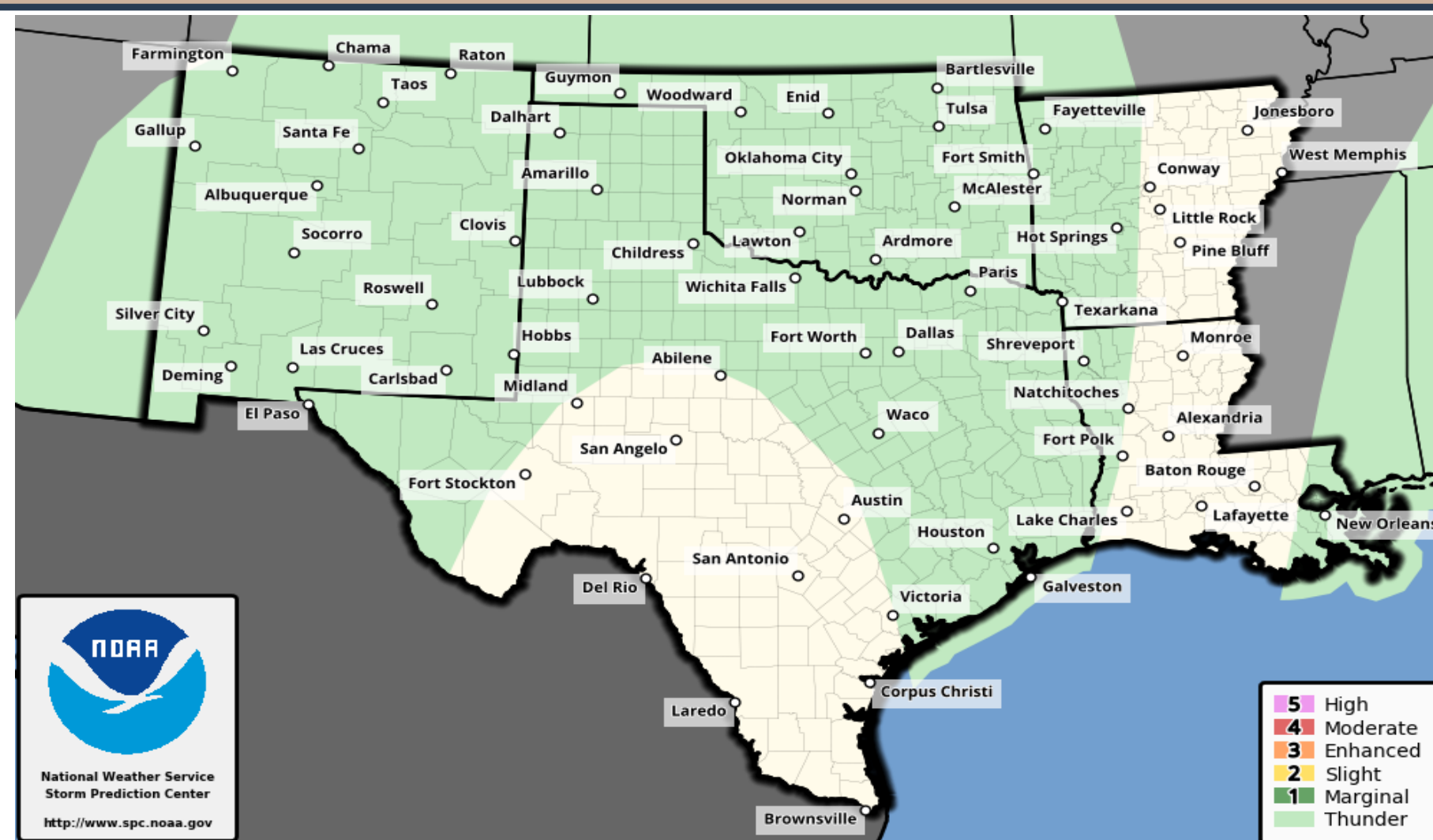


Forecast Rainfall

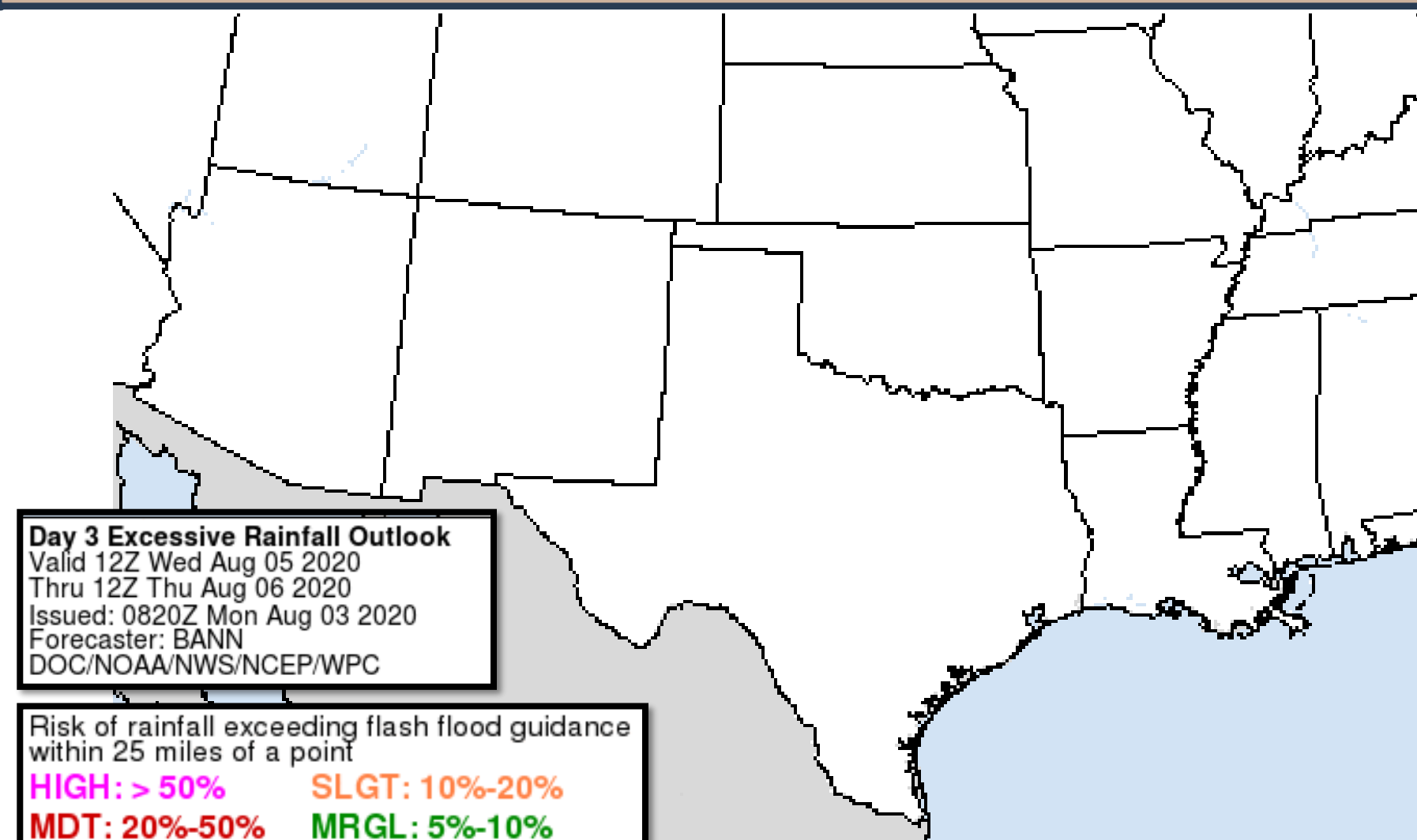


No significant weather impacts expected.

Severe Weather Outlook



Excessive Rainfall Outlook

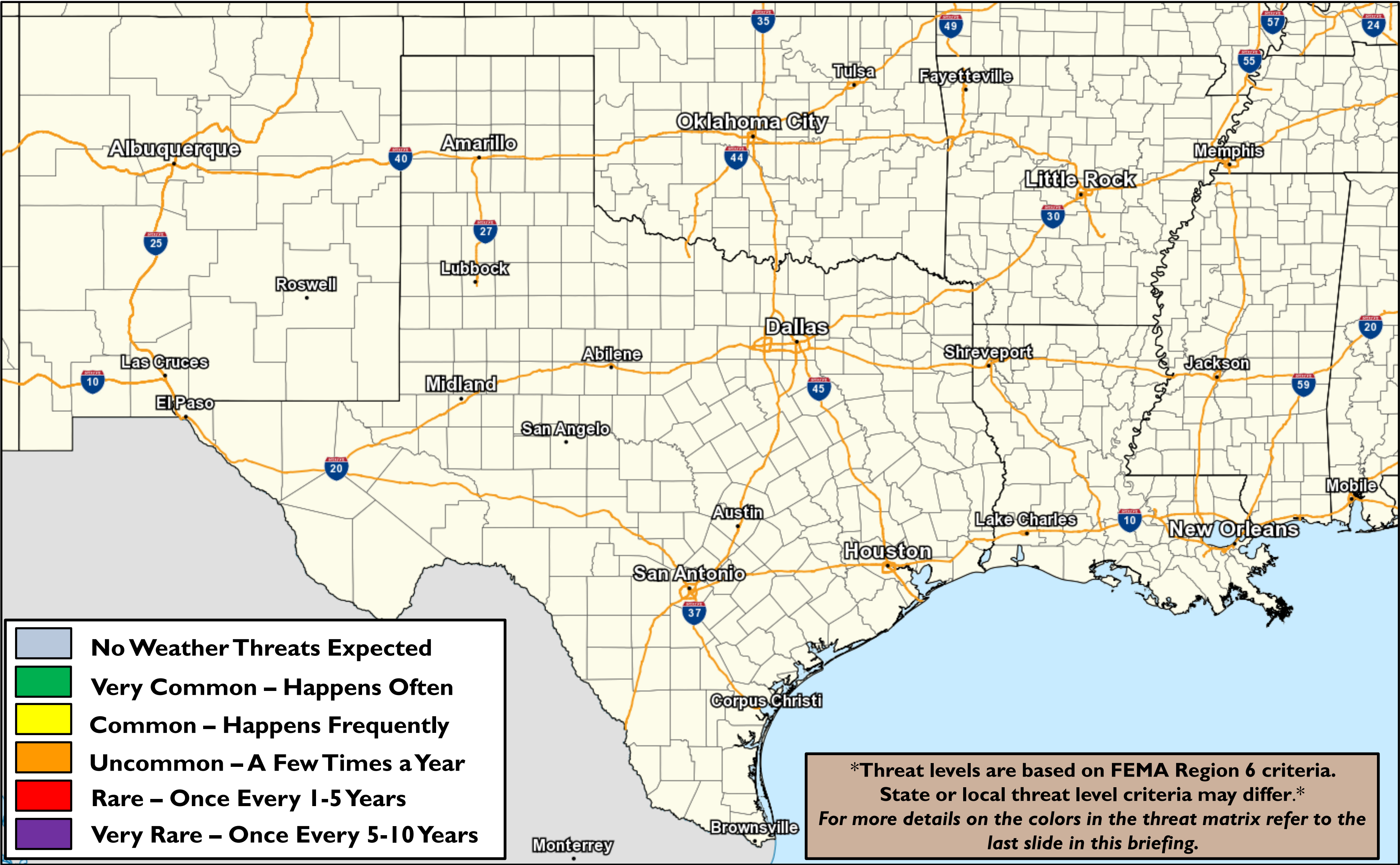


Days 4-5 Weather Hazards

Thursday - Friday



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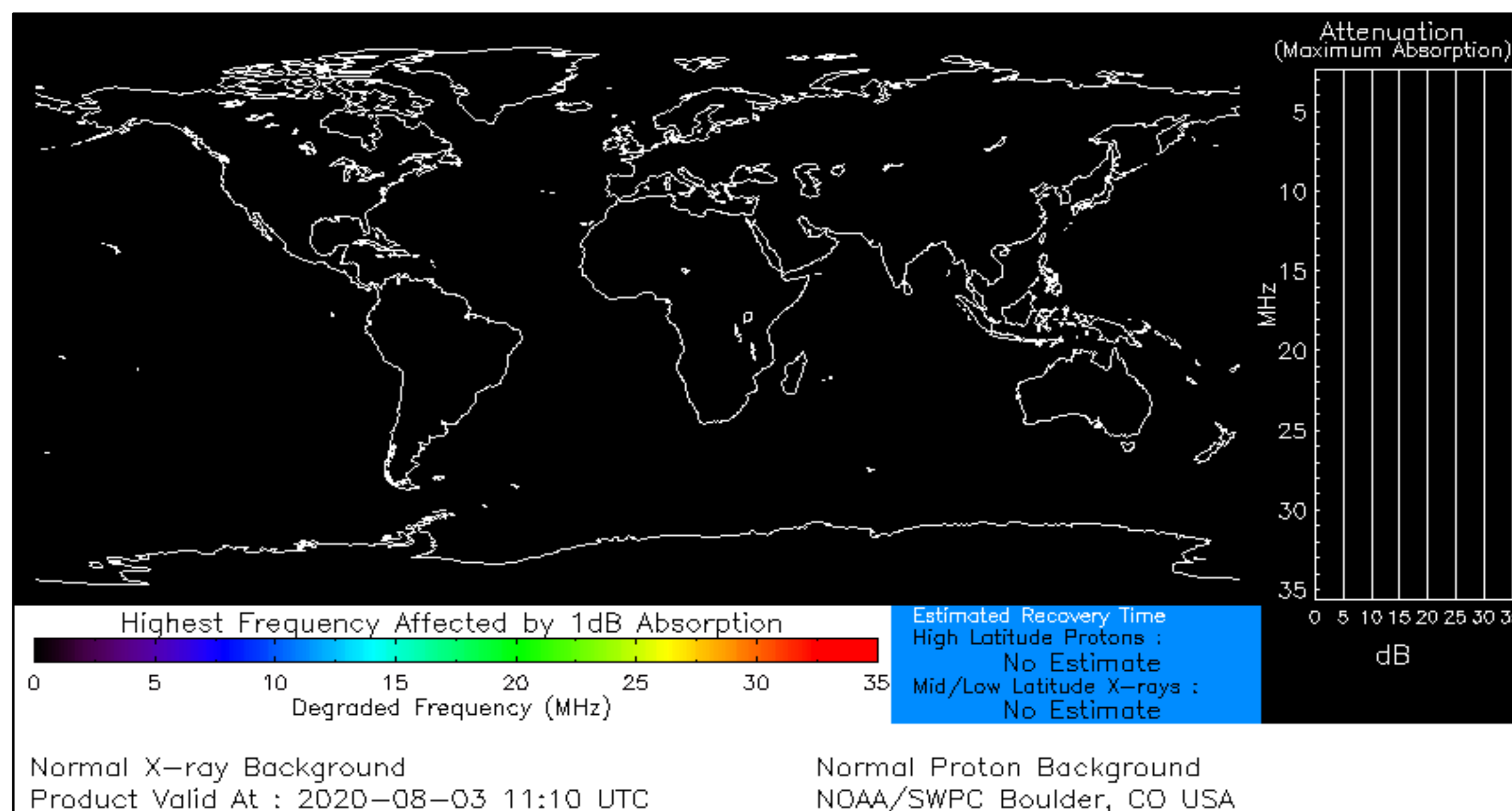
No significant weather impacts expected.

Space Weather 3-Day Forecast



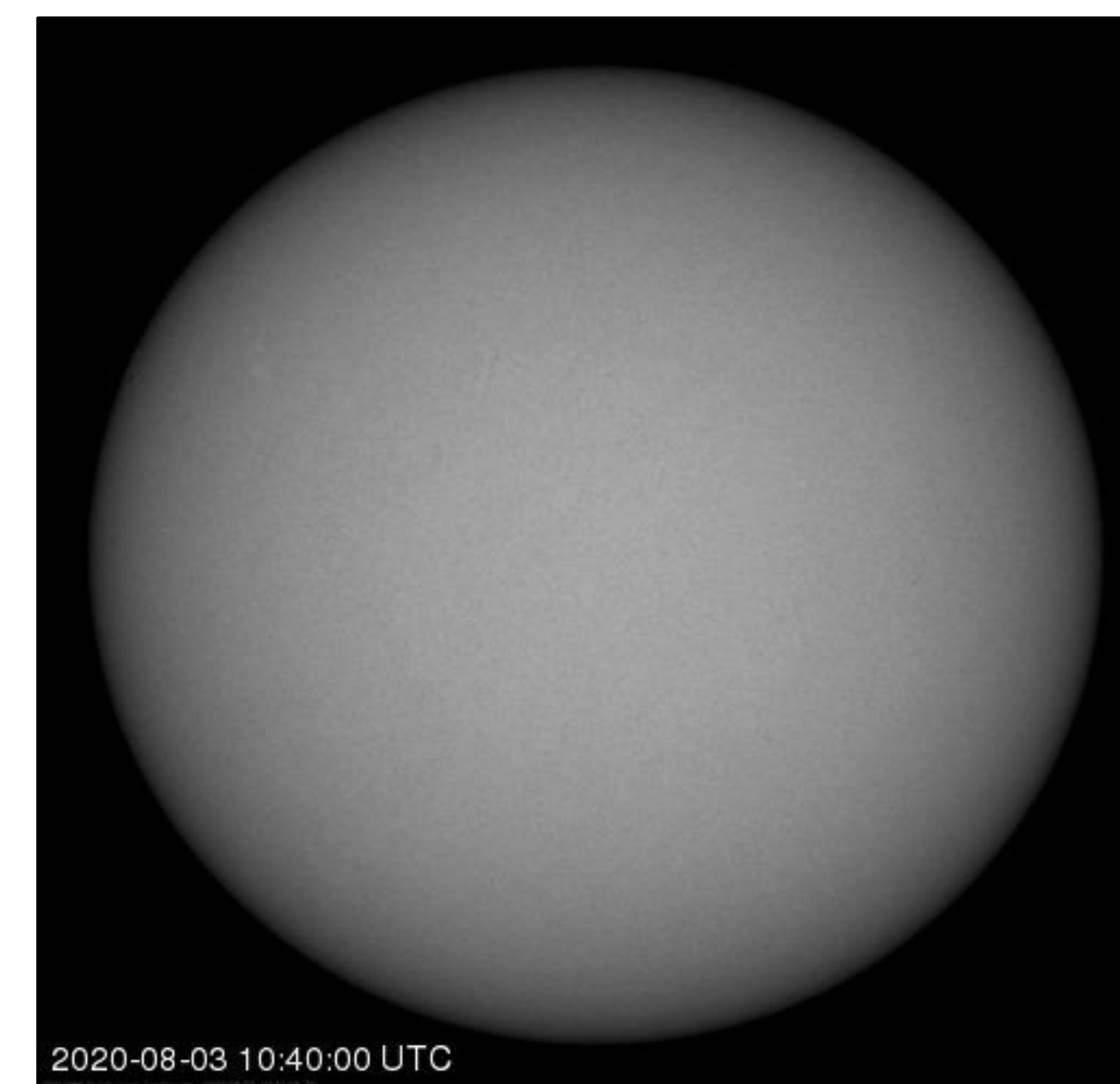
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





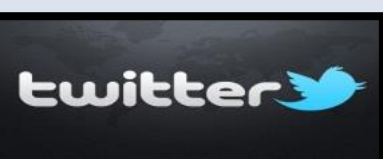
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov